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UTILITY PATENT APPLICATION TRANSMITTAL	Attorney Docket No. GW1-102	Total Pages
	First Named Inventor AROYASWAMI J. PAULRAJ	
	Title METHOD AND WIRELESS SYSTEMS USING MULTIPLE ANTENNAS AND ADAPTIVE CONTROL FOR MAXIMIZING A COMMUNICATION PARAMETER	

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (two copies)	8. <input checked="" type="checkbox"/> Assignment cover sheet and document(s)
2. <input checked="" type="checkbox"/> Specification Total Pages: [35]	9. <input checked="" type="checkbox"/> Power of Attorney by Assignee [] with CFR 3.73(b) statement
3. <input checked="" type="checkbox"/> Drawing(s) Total Sheets: [6]	10. [] English Translation Document
4. <input checked="" type="checkbox"/> Oath or Declaration Total Pages: [1] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. [] Copy from a prior application 1.63(d) (complete Box 17 and note Box 5 below) i. [] Signed statement deleting inventors named in the prior application, see CFR 1.63(d)(2) and 1.33(b)	11. [] IDS/PTO-1449 [] with copies of cited references
5. [] Incorporation by Reference (if 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated therein by reference.	12. [] Preliminary Amendment
6. [] Microfiche Computer Program (<i>Appendix</i>)	13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)
7. [] Nucleotide/Amino Acid Sequence Submission (all the following are necessary) a. [] Computer Readable Copy b. [] Paper Copy (identical to computer copy) c. [] Statement verifying identity of above copies	14. [] Small Entity Statement [] Statement filed in prior application Status still proper and desired
	15. [] Certified Copy of Priority Document(s) (if foreign priority is claimed)
	16. [] Other:
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: [] continuation [] divisional [] CIP ...of prior application No.: []	

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18. CORRESPONDENCE ADDRESS						
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I hereby certify that I am mailing this correspondence on the date indicated below to the ASSISTANT COMMISSIONER FOR PATENTS, BOX PATENT APPLICATION, WASHINGTON, DC 20231 using the "Express Mail Post Office to Addressee" service of the United States Postal Service under 37 CFR 1.10.	
 MAREK ALBOSZTA REG. NO. 39,894	DATE OF MAILING: 15 Dec. '99 EXPRESS MAIL LABEL NO: EJ136190587US

FEE TRANSMITTAL

Application Number:	Not assigned
Filing Date:	Filed herewith
First Named Inventor:	Arogyaswami J. Paulraj
Title of Invention:	Method and Wireless Systems Using Multiple Antennas and Adaptive Control for Maximizing a Communication Parameter
Group Art Unit:	Not assigned
Examiner:	Not assigned
Attorney Docket No.:	GW1-102

Fee Calculation:

for ☐ Large Entity / ☒ Small Entity.

Basic Billing Fee:

☒ Utility Patent Application: \$760 / \$380 \$ 380
☐ Provisional Patent Application: \$150 / \$75 \$

Claims:

☒ Number of Total Claims Over 20: [14] x \$18 / \$9 = \$ 126
☐ No. of Independent Claims Over 3: [] x \$89 / \$39 = \$

Other Fees:

☐ Extension of time, 1 month \$110 / \$55 \$
☐ Extension of time, 2 months \$380 / \$190 \$
☐ Extension of time, 3 months \$870 / \$435 \$
☐ Extension of time, 4 months \$1360 / \$680 \$
☐ Missing Parts Surcharge (Regular Application) \$130 / \$65 \$
☐ Missing Parts Surcharge (Provisional Application) \$50 / \$25 \$
☒ Recordation of Assignment Document \$40 \$ 40
☐ Issue Fee \$1210 / \$605 \$
☐ Printed Patent; Number of Copies: [] x \$3 = \$

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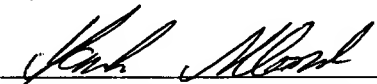
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Marek Alboszta, Reg. No. 39,894

Date

15 Dec. '99